

## BAB V

### KESIMPULAN DAN SARAN

#### 5.1 Kesimpulan

Berdasarkan hasil dari analisis, implementasi dan pengujian yang telah dilakukan pada Pengembangan Aplikasi mobile Pengenalan Aksara Bali Ke Huruf Latin Dengan *Augmented Reality* oleh penulis, maka dapat diambil kesimpulan sebagai berikut.

1. Pengenalan Aksara Bali telah berhasil dibangun dengan menggunakan objek marker font Bali *galang*.
2. *Vuforia* dapat melakukan pendeteksian tepi pada Aksara Bali menjadi huruf latin.
3. ARBali menggunakan media *marker* aksara bali perkata.
4. Hasil pengujian marker yang dilakukan dalam pengenalan aksara Bali menjadi huruf latin pada *smartphone* berbasis sistem operasi android, dimana pada pengujian ini menggunakan 2 pengujian yaitu penambahan *noise uniform* dan *gaussian* pada marker. Pada pengujian *uniform noise* yang terdeteksi persentase dari 0%-30% dan pada pengujian *gaussian noise* yang terdeteksi persentase dari 0%-50%.

## 5.2 Saran

Beberapa saran yang dapat diambil dari ARBali dari proses analisa sampai implementasi sebagai berikut :

1. Kosa kata Aksara Bali bisa lebih diperbanyak
2. Untuk pendeteksian marker bisa membaca tulisan tangan Aksara Bali langsung dari user.
3. Bisa menggabungkan *Augmented Reality* dengan metode yang ada pada *image processing*.

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